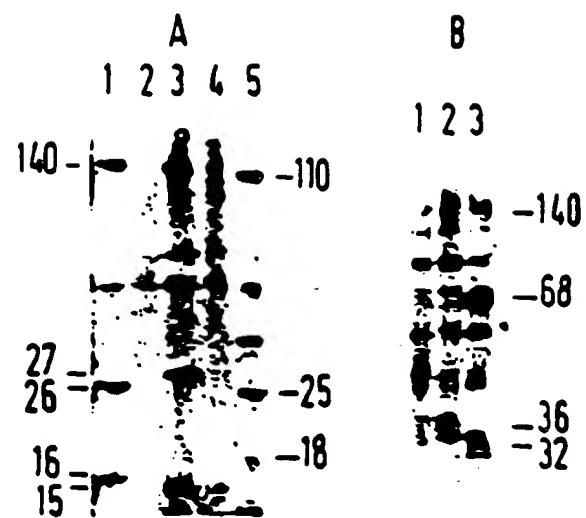
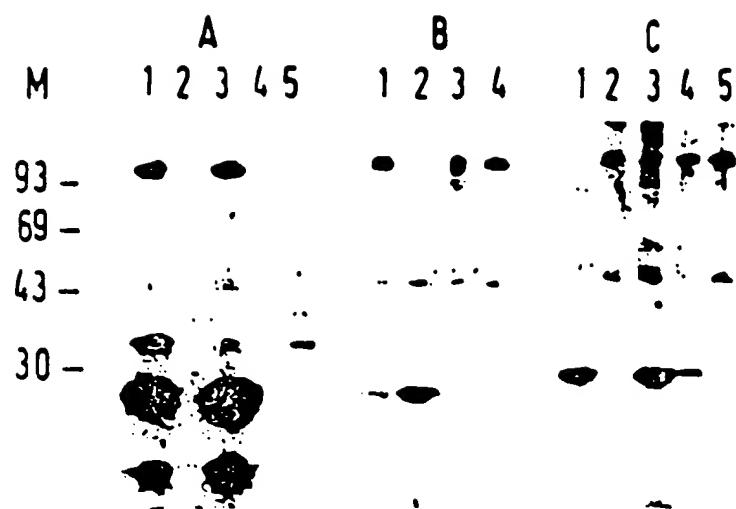


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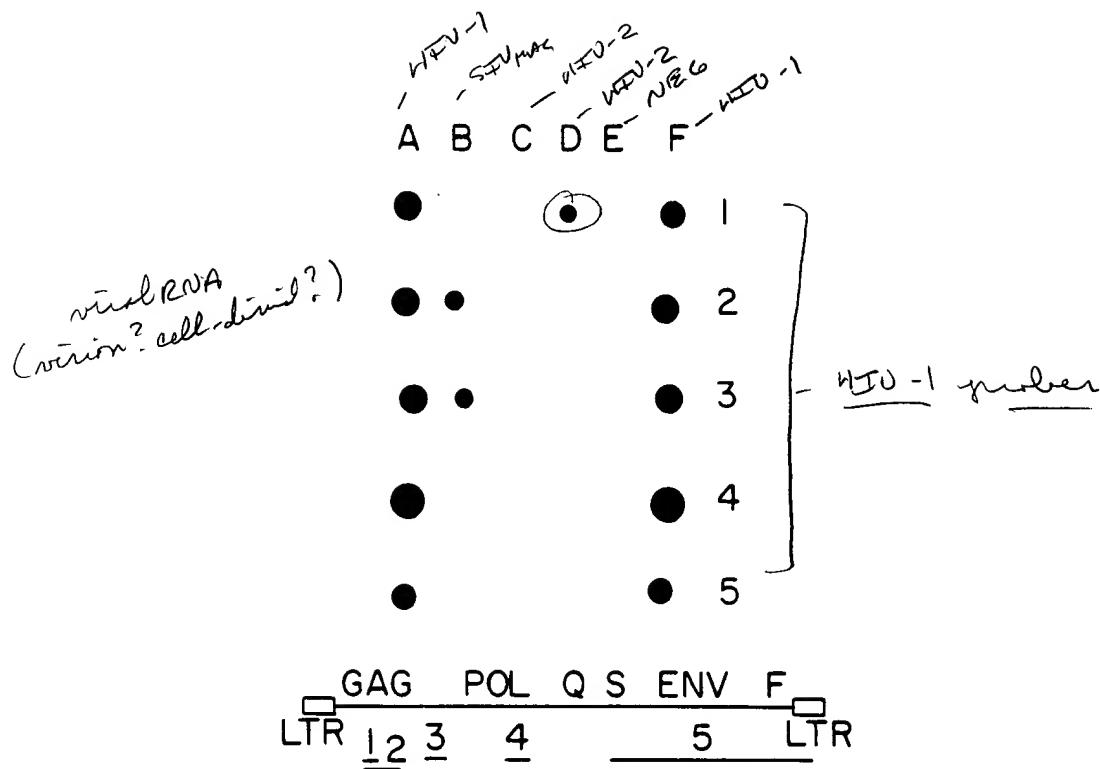


FIG. 3

RESTRICTION MAP

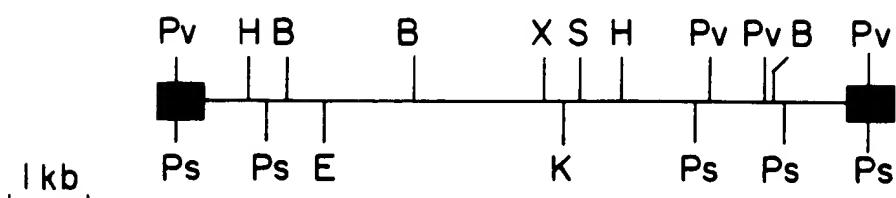


FIG. 4

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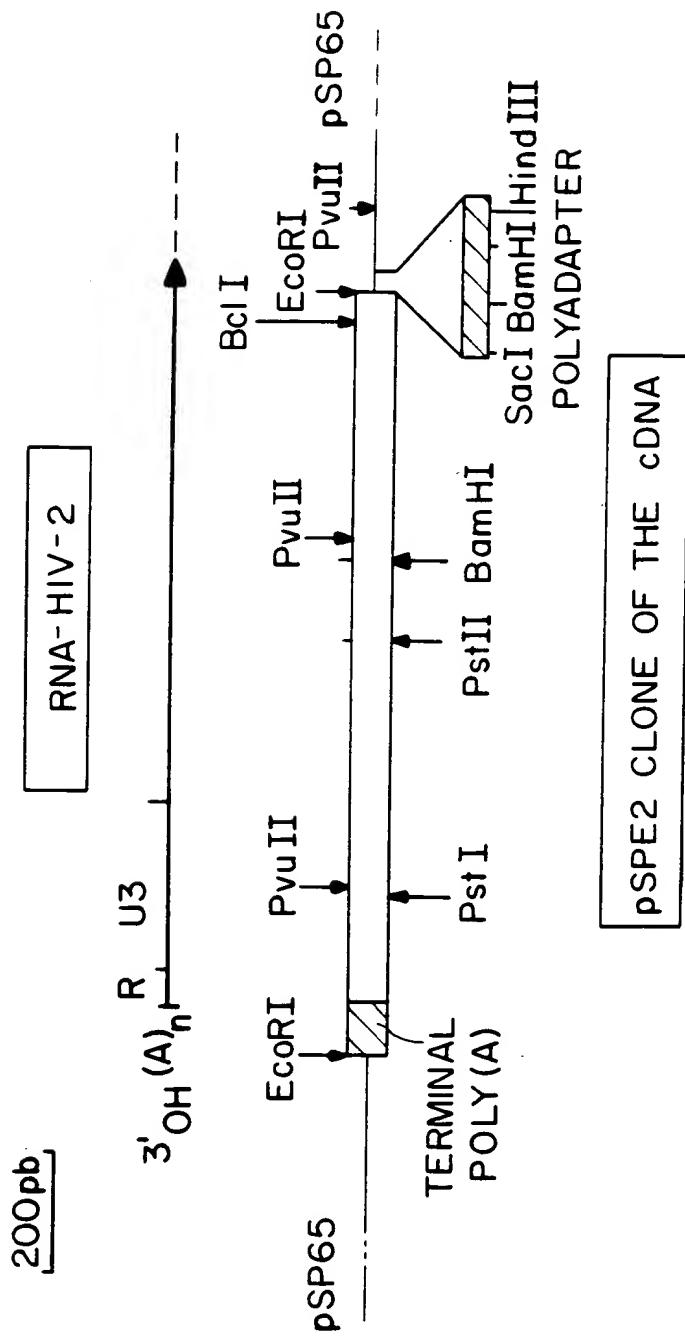


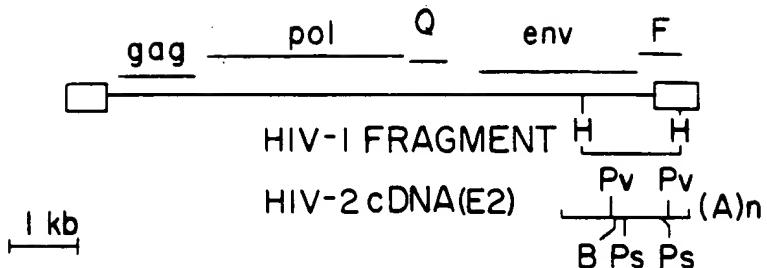
FIG. 5

08/470489

10 GTGGAGGGCAAGCAAGGAAATACCATTTAGTTAAAGGACAGGAACAGCTATACTTGGTCAGGGCAGGAAGTAACAGAAACAGCTGAG  
 MNL I ALUI MAE III PVU I  
 20 30 40 50 60 70 80 90 100  
 110 ACTGCAGGGACCTTCCAGAAAGGGCTGTAACCAAGGGGACATGGGAGGAGCTGGGGAAACGCCATATTCTCTGTATAATAACCCGCTGCTG  
 Pst I MAE III MNL I NLA III ALUI MNL I BBVI FNU4HI  
 120 130 140 150 160 170 180 190 200  
 210 CATTGTACTCAAGTCGCTCTGGAGGGCTGGCAATTGGCCCTGGAGGATCTCCAGGAACTAGACGGATGAGGCTGGGTGCCCTGCTAGACTCTCA  
 RSA I MNL I BAN I MNL I XHO I APY I BSP1286 MAE I BST N I HINFI HPHI  
 220 230 240 250 260 270 280 290 300  
 310 CCAGGCACTTGGCCGGTGGCTGGCAACGGCCACGGCTTGGCTGCTAAACCTTCTTAATAAGCTGGAGTAGAAAGCA  
 HAE III HAP I HPA I MSP I ALUI BBVI FNU4HI  
 320 330 340 350 360 370 380

FIG. 6

FIG. 7A



B

		PvuI	PstI	
HIV.2	AGTAAC	TAACAGAA	ACAGCTGAGACTGC	AGGGACTTCCAGAAGGGGCTG
HIV.1	AGT	ACTTCAAGAACTGCTGACATC	GAGCTTGCTACAAGGGACTTTCCGCTGGGGACTT	
	9000	9010	9020	9030
				9040
HIV.2	TAACCAA	GGGAGGGACATGGGAG	GAGCTGGTGGGAACGCC	TC
HIV.1	TCAGGGAGGC	GTGGCCTGGCGGGACTGGGAGTGGCGAGC		CCTC
	9050	9060	9070	9080
				9090
HIV.2	ATATTCTCTG	TATAAA	TATACCCGCTGCTGCATTGACTTCAGTCGCTTGCGGAGAGG	
HIV.1	AGATG	CTGCATATAAGC	AGCTGCTTTTGCC-TGTACTGG-GTCTCTGGTTAGAC	
	9100	9110	9120	9130
				9140
HIV.2	CTGGCAGATTGAGCC	CTGGGAGGTTCTCTCCAGCACTAGCAGGTAGAGC	CCTGGGTGTCCC	
HIV.1	-----CAGATTGAGC	CTGGGAGC-TCTCTGGCTAACTAGGGAACCCAC		
	9150	9160	9170	9180
				9190
HIV.2	TGCTAGACTCTACCAGCA	TTGGCCGGTGCTGGCAGACGGCCCCACG	CTTGCTTGCTT	
HIV.1	-----			TGCTT
HIV.2	AAAAACCTCCTT	AATAAGCT-GCC	AGTAGAAGCA	
HIV.1	AAG	-----CCTCAATAAGCTTGCC	TTGAGTGCTCAA	
	9210	9220		
			Hind III	R

FIG. 7B

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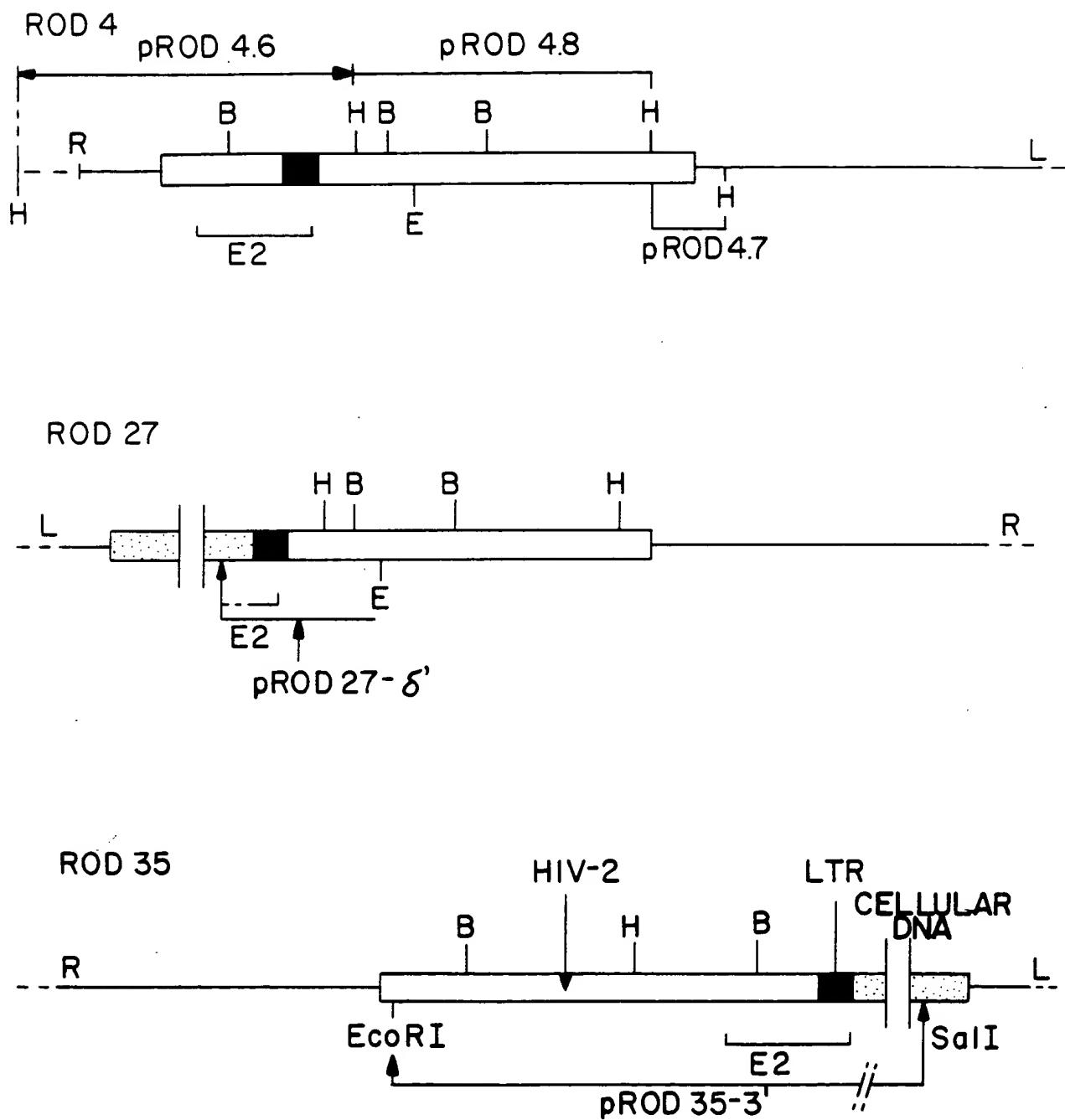
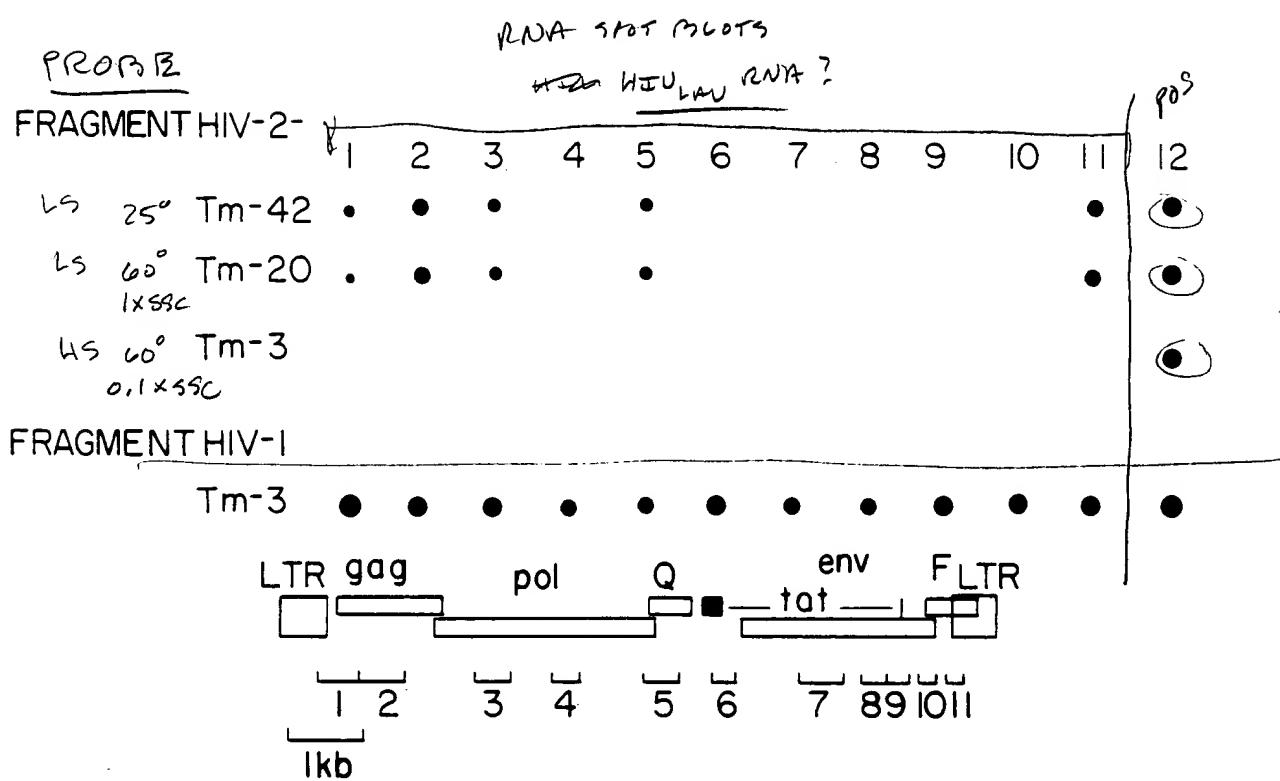


FIG. 8



PROBE H